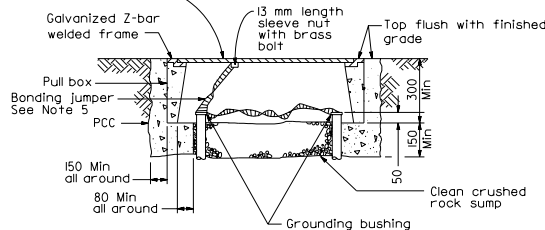


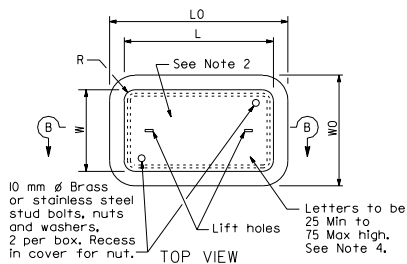
Reinforced 12 mm Min steel plate cover, galvanized after fabrication, See Note 4

TOP VIEW

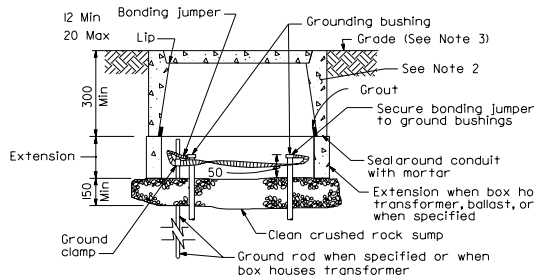


SECTION A-A

No. 3 1/2(T), No. 5(T) AND No. 6(T) TRAFFIC PULL BOX



TOP VIEW



SECTION B-B

INSTALLATION DETAILS

DIMENSION TABLE

Pull Box	CONCRETE BOX				NON-PCC BOX				CONCRETE OR NON-PCC COVERS			
	Minimum * Thickness	Minimum Depth Box and Extension	L0 (mm)	W0 (mm)	Minimum * * Thickness	Minimum Depth Box and Extension	L (mm)	W (mm)	R (mm)	Edge Thickness	Edge Taper	
No. 3 1/2	25 mm	No Extension	510	360	8 mm	No Extension	390	260	30	45 mm	3 mm	
No. 5	25 mm	560 mm	710	460	8 mm	510 mm	590	350	32	50 mm	3 mm	
No. 6	40 mm	600 mm	910	580	10 mm	510 mm	780	450	32	50 mm	3 mm	

* Excluding conduit web

** Top dimension

DIMENSION TABLE

Pull Box	CONCRETE BOX				NON-PCC BOX				STEEL COVER			
	Minimum * Thickness	Minimum Depth Box or Extension	L0 (mm)	W0 (mm)	L1 (mm)	W1 (mm)	Minimum Thickness	Minimum Depth Box and Extension	L (mm)	W (mm)	R (mm)	Edge Thickness
No. 3 1/2(T)	40 mm	300 mm	530 ± 370	270 ± 25	430 ± 25		Does Not Apply		510 ± 350	± 0	13 mm Min	None
No. 5(T)	45 mm	300 mm	750 ± 480	330 ± 25	600 ± 25		Does Not Apply		690 ± 410	± 0	13 mm Min	None
No. 6(T)	50 mm	300 mm	900 ± 600	430 ± 25	760 ± 25		Does Not Apply		840 ± 510	± 0	13 mm Min	None

* Excluding conduit web

** Top dimension

NOTES ON PULL BOXES

- Traffic pull box shall be provided with steel cover and special concrete footing. Steel cover shall have embossed non-skid pattern.
- Steel reinforcing shall be as regularly used in the standard products of the respective manufacturer.
- Top of pull boxes shall be flush with surrounding grade or top of adjacent curb, except that in unpaved areas where pull box is not immediately adjacent to and protected by a concrete foundation, pole or other protective construction, the box shall be placed with its top 30 mm above surrounding grade. Where practicable, pull boxes shown in the vicinity of curbs shall be placed adjacent to the back of curb, and pull boxes shown adjacent to standards shall be placed on side of foundation facing away from traffic, unless otherwise noted. When pull box is installed in sidewalk area, the depth of the pull box shall be adjusted so that the top of the pull box is flushed with the top of the sidewalk.
- Pull box covers shall be marked as follows.
 - No. 3 1/2 pull box.
 - "SIGNAL" Traffic signal circuits with or without street and/or sign lighting circuits.
 - "ST. LIGHTING" Street and/or sign lighting circuits where no voltage is above 600 V.
 - "SERVICE" Service circuits between service point and service disconnect.
 - "SPRINKLER-CONTR" Sprinkler control circuits, 50 V or less.
 - "CALTRANS" On all pull boxes, except pull boxes marked "SPRINKLER-CONTROL".
 - "TELEPHONE" Telephone service.
 - No. 5, 6 or 9A pull boxes.
 - "TRAFFIC SIGNAL" Traffic signal circuits with or without street and/or sign lighting circuits.
 - "STREET LIGHTING" Street and/or sign lighting circuits where no voltage is above 600 V.
 - "STREET LIGHTING-HIGH VOLTAGE" Street and/or sign lighting circuits where voltage is above 600 V.
 - "SERVICE" Service circuits between service point and service disconnect.
 - "SPRINKLER-CONTROL" Sprinkler control circuits, 50 V or less.
 - "IRRIGATION" Circuits to irrigation controller 120 V or more.
 - "RAMP METER" Ramp meter circuits.
 - "COUNT STATION" Count and/or speed monitor circuits.
 - "COMMUNICATION" Communication circuits.
 - "CALTRANS" On all pull boxes, except pull boxes marked "SPRINKLER-CONTROL".
 - "TELEPHONE" Telephone service.
 - "TOS COMMUNICATIONS" TOS communications trunk line.
 - "TOS POWER" TOS power.
 - "TDC POWER" Telephone demarcation cabinet power.
 - "CCTV" Closed circuit television circuits.
 - "TMS" Traffic monitoring station circuits.
 - "CMS" Changeable message sign circuits.
 - "HAR" Highway advisory radio circuits.
- Bonding jumper for metal covers shall be 1 m long, minimum.
- The nominal dimensions of the opening in which the cover sets shall be the same as the cover dimensions except the length and width dimensions shall be 3 mm greater.
- All covers and boxes shall be interchangeable with California standard male and female gages. When interchanged with a standard male or female gage, the top surfaces shall be flush within 3 mm. Top outside edge of all concrete covers and pull boxes shall have a 6 mm minimum radius.
- Pull box shall not be installed within the boundaries of new or existing curb ramps.
- Pull boxes for electroliners and signal standards shall be located at the same station (15 m) as the adjacent electroliner or signal standard. Pull boxes shall be placed adjacent to back of curb or edge of shoulder except where this is impractical, a box may be placed in another suitable protected and accessible location.



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL	PROJECT NO.	SHEET TOTAL

REGISTERED ELECTRICAL ENGINEER

July 1, 1999

PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

REGISTERED PROFESSIONAL ELECTRICAL ENGINEER

Compco

CHARGE 101120

No. E13633

Exp. 6-30-03

ELECTRICAL

STATE OF CALIFORNIA

SIGNAL, LIGHTING AND ELECTRICAL SYSTEMS PULL BOX DETAILS

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

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